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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/671,688	09/28/2000	Naoki Inoue	SON-1900	7234

7590 02/09/2005

RADER, FISHMAN & GRAUER, P.L.L.C.
Suite 501
1233 20th Street N W
Washington, DC 20036

EXAMINER	
DUGGINS, ALICIA M	

ART UNIT	PAPER NUMBER
2616	

DATE MAILED: 02/09/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.	Applicant(s)	
	09/671,688	INOUE ET AL.	
	Examiner	Art Unit	
	Alicia M Duggins	2616	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on *10/4/04*.

2a)☒ This action is **FINAL**. 2b)☐ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) *1-7* is/are pending in the application.

4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) *1-7* is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a)☒ All b)☐ Some * c)☐ None of:

1.☒ Certified copies of the priority documents have been received.

2.☐ Certified copies of the priority documents have been received in Application No. _____.

3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☐ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date _____.
4) ☐ Interview Summary (PTO-413) Paper No(s)/Mail Date. _____ .
5) ☐ Notice of Informal Patent Application (PTO-152)
6) ☐ Other: _____.

DETAILED ACTION

Response to Arguments

Applicant's arguments filed 10/4/04 have been fully considered but they are not persuasive. Nakagawa discloses in fig.8 a rotary shaft (52) attached to the camcorder main body as shown in fig.1 by way of the objective lens (25) (col.7 ll.57-58) and the base plate assembly is swingably attached along a longitudinal axis of the shaft so that the base plate rotates axially about the rotary shaft.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

> A person shall be entitled to a patent unless –
>
> (b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1-7 are rejected under 35 U.S.C. 102(b) as being anticipated by Nakagawa et al.

(EP0851422A1)

Regarding claim 1 Nakagawa shows an optical camcorder in fig.1 with:

A base plate assembly (53) in fig.8 shown as a round bobbin

a rotary shaft (52)

a camcorder main body (2) shown in fig. 1 (col.3 ll.5-6)

wherein the rotary shaft is attached to the camcorder main body as shown in fig.1 by way of the objective lens (25) (col.7 ll.57-58) and the base plate assembly is swingably attached along a longitudinal axis of the shaft so that the base plate rotates axially about the rotary shaft is shown in fig.8 where the base plate shown as the round bobbin (53) is longitudinally attached to the rotary shaft (52) (col.7 l.54- col.8 l.3)
a weight attached to a first portion of the base plate assembly is shown in fig.8 as a magnet (56a) and yoke (57a) so that the center of gravity of the base plate assembly is shifted towards the first portion to form a balanced actuator (col.7 l.49- col.8 l.20)

Regarding claim 2, a locking mechanism to secure the base plate assembly to the optical disc camcorder is shown as an objective lens (25) in figs. 1 and 8 (26) (col.7 ll. 57-58)

Regarding claim 3, a stopper means for restricting the range of movement of the base plate and absorbing shock is shown in fig.8 as a focusing coil (54 a) and tracking coil (55a) by way of the magnetic circuit that is formed which is able to restrict movement (col. 8 ll.3-20)

Regarding claim 4, Nakagawa shows an optical camcorder in fig.1 with:
A base plate assembly (53) in fig.8 shown as a round bobbin
a rotary shaft (52)

a camcorder main body (2) shown in fig. 1 (col.3 ll.5-6)

wherein the rotary shaft is attached to the camcorder main body as shown in fig.1 by way of the objective lens (25) (col.7 ll.57-58) and the base plate assembly is swingably attached along a longitudinal axis of the shaft so that the base plate rotates axially about the rotary shaft is shown in fig.8 where the base plate shown as the round bobbin (53) is longitudinally attached to the rotary shaft (52) (col.7 l.54- col.8 l.3)

a weight attached to a first portion of the base plate assembly is shown in fig.8 as a magnet (56a) and yoke (57a) so that the center of gravity of the base plate assembly is shifted towards the first portion to form a balanced actuator (col.7 l.49- col.8 l.20)

an acceleration sensor is shown as a tracking coil (55a) in fig.1 whereby the rotation of the base plate assembly is detected and corrected so as t provide an optimal display which is impact and vibration proof (col.8 ll.1-20)

Regarding claim 5, fig.8 shows a biaxial actuator (31), which acts as a damper, by eliminating or preventing vibrations or oscillations (col.7 ll.49-54)

fig.1 shows

- a turn table shown as a disk device (7) for rotating the optical disc
- a spindle motor (24) for rotating the turn table
- an optical pick up system (10) (col.4 l.54- col.5 l.36)

- the optical pickup system is mounted on a sub-base shown as an objective lens (25) that is rotatably attached to the base plate assembly is shown in fig.1 (col.7 l.54- col.8 l.20)
- a skew sensor is shown in fig.8 s a focusing coil (54a) whereby if any skew or focusing adjustment needs to be made, it is done by the focusing coil (col.8 ll.1-20)

Regarding claims 6, a rotary shaft for correcting the skew at an end point of the turntable is shown in fig.8 as a guide shaft (39) (col.7 ll.1-18)

Regarding claim7, it is shown that position of the optical pick up system is controlled so as to not come into contact with an optical disc, which is considered a non- contact state (col.7 ll.1-18)

THIS ACTION IS MADE FINAL. Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any

extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Alicia M Duggins whose telephone number is (703) 305-5621. The examiner can normally be reached on M-F.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Christopher Kelley can be reached on (703) 305-4856. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

AMD
2/4/05

ANDREW FAILE
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2600